



<http://www.mn-arts.org/>

## **May 2016 Edition**

### **May Meeting Minutes**

Russ Ramirez, K0WFS called the meeting to order at 1:00 PM. 22 were in attendance.

Introductions were made all around.

Meeting minutes from April 2016 were approved.

It was noted that there will not be a meeting in July.

Treasurer's Report: Paul Bushouse, N0TYE, reports that there is \$2143.40 in the account. All bills have been paid.

### **Old Business:**

- No old business..

### **New Business:**

- Russ Ramirez, K0WFS, would like to have a board meeting sometime next month.
- There was some discussion about our web site. Russ would like to update the web site to list what a person is interested in.

### **Show & Tell**

**Russ Ramirez**, K0WFS, brought in a recent copy of RADCOM. Russ mentioned that it has more home brew and hands on articles. He also finds the product reviews to be very good and unbiased.



**Mike Burk**, KD0JXF, brought in a VFO mounted on an Aduino shield. It has a range of 1 MHz to 40 MHz. He checked the output with a spectrum analyzer and found it to be clean.



**Duane Johnson**, AD0TJ, discussed his experimentation with phase shifters for individual antennas in the 40 – 6 meter range. He is contemplating an 8 antenna array.

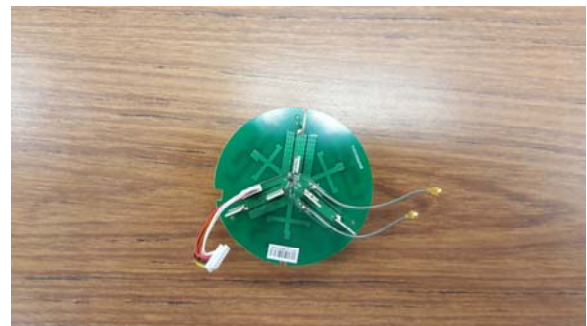
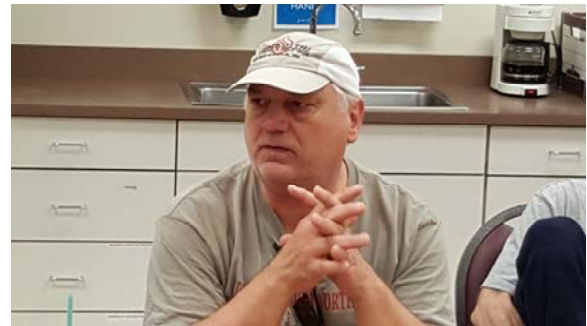


**Larry Gaalaas**, KB0R, discussed the drifting problem he experienced with his Elecraft KX3. He then outlined the procedure used to resolve the drift which was supplied by Elecraft. This is a calibration of the VFO based on temperature. Larry reports that this resolved the issue.

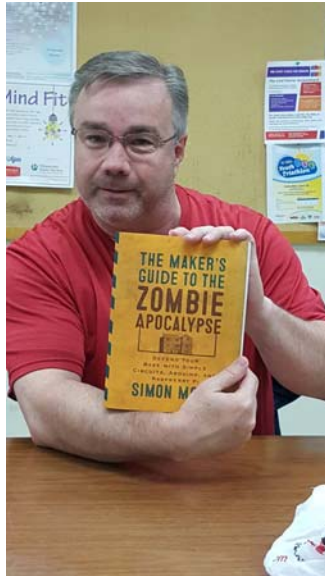
**Dave Kent**, W0RU, won a SoftRock SDR receiver at Ozarkcon. This is one of the models supplied by Five Dash.



**Bruno Bittner**, KD0SKS, brought in a Propeller education kit which he made available. He also brought in an interesting antenna array from a Wi-Fi unit.



**Chuck Stroud**, KA8HDE, brought in a Maker book he thought we might find interesting and amusing.



**Steve Ulrich**, NW0C, brought in a power supply he had just completed. It provides 40V CT along with +/- 15V and an adjustable output 1.2V – 24V. The power rating on the transformer secondary is 6A.



Respectfully submitted,  
Steve, NW0C

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### **Club Officers:**

*President: Russ Ramirez/K0WFS  
Vice Pres: Jeremy Mooney/KC0LDI  
Secretary: Steve Ulrich/NW0C  
Treasurer: Paul Bushouse/N0TYE  
At Large: Craig Johnson/AA0ZZ*

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